(FASTRON.)® VC-210 CONTROLLER
RECIPE PROGRAMMING MANUAL

VC-210 Controller (20 Product keys)

(FASTRON.)®

KitchenBrains™
Well Connected.

C O N T E N T S

PRODUCT OVERVIEW

(FASTRON.)® VC-210 CONTROLLER

VC-210 Controller (20 Product keys)

The VC-210 Process Controller is available for most fryer and appliance types. Reverse-compatibility with all built-in (FASTRON.)® Controllers (MCF, EM-90, EM-99 and Silver Edition) make it an ideal solution for computer-ready appliances or as a perfect upgrade solution.

Kitchen Brains® (FASTRON.)® VISION Series VC-210 Fryer Controller is a premium performance multi-process control **with extensive input/output capability to meet your most complex control requirements**. The VC-210 fryer controller can ensure a consistently cooked, quality product and deliver a longer life in an extremely demanding environment:

• **20 Programmable Product Keys** with (FAST.Nav)™ mobile phone-like programming

• **Save energy and money** with patented setback feature

• **Reduce oil costs** with patented SmartStat™ temperature controller

• **Enhanced Graphical Display** shows both product names and cycle times

• **Programmable Duty Cycle Flexibility** to monitor and manage multiple processes – time, temperature, motor control, dampers, circulating pumps, solenoids, actuators, broiler, clean mode, detergent dispensing, plus many more

• **Pair with numerous appliance types** and tune parameters from the front panel

• **Programmable Volume Levels**

• **Wireless Communications** compatibility for the Connected Kitchen

• **SCK® Link Advanced Communications Software,** giving you the most advanced communications capability available for HACCP reporting and automated online kitchen management

• **24/7 Technical Phone Support**

NOTICES

BEFORE YOU START, PLEASE READ ENTIRE MANUAL

(FASTRON.)® VC-210 CONTROLLER

The (FASTRON.)® VC-210 process controller is used to control many different appliances.

Each controller can time up to 20 products, store messages, alarm names, cooking and filtering parameters; and has shortening management capabilities.

⚠ KITCHEN BRAINS IS NOT LIABLE FOR ANY USE of product not in accordance with its installation and operating instructions.

Before using this equipment, or for any questions on the operation of the appliance, consult and follow all instructions and safety warnings found in the appliance operators' manual supplied by the manufacturer of the appliance.

OPERATING THE (FASTRON.)® VC-210 CONTROLLER

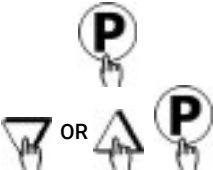### RECIPE REVIEW

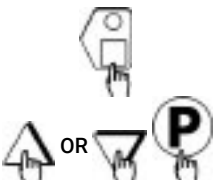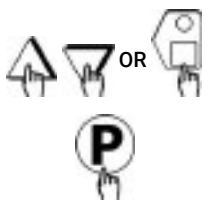Quickly see what is programmed for each product key

1. Press the "SCAN" Key
2. Select any Product Key previously programmed–LED will be lit above the key
3. Press the "DOWN" Arrow Key to scroll through the list
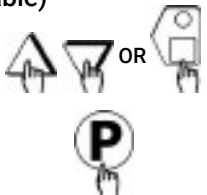4. Press "SCAN" Key to exit

VIEW TEMPERATURE SETTINGS

Quickly see what is programmed for each product key

1. Press the "TEMP" Key "once" to view Actual Temperature, or
2. Press the "TEMP Key "twice" to view Set Temperature

RECIPE PROGRAMMING (1724)

	KEY PRESS	DISPLAY	ACTION
1	**Enter Programming Mode**		• To enter programming mode, press and hold the **"P" Key** for 3 seconds. • Scroll down to **"Programming."** • Press the **"P" Key** to lock in entry. • The display will prompt user to enter a pass code.
2	**Enter Pass Code**	**Enter Code** **** **Recipe**	• Enter pass code **1 7 2 4.** • Press the **"P" Key** to lock in your entry. • Display will show **"Recipe."** Press the **"P" Key**.
3	**Choose a Product Key (Recipe)**	**SELECT PRODUCT TO PROGRAM** Choices are: ALL, NAME, TIME, TEMPERATURE, TIMING, PRESSURE1, ALARM, ALARM NAME, ALARM DONE, TONE, HOLD TIME, HOLD LINK, FLTR LCKOUT, PRODUCT CNT, RQI TRACKER2, EXIT 1 "**Pressure**" will only appear if appliance is a pressure fryer. 2 "**RQI TRACKER**" will only appear if it was selected in System Programming.	• Press the "**Product**" **Key** to be programmed. That key's LED will remain lit. • Scroll to the feature you want changed and press the **"P" Key**. NOTE: Selecting "ALL" allows you to review and/or change all parameters for that key. To jump to a specific feature, select one from the list and follow the appropriate instructions to make the changes.
4	**Choose a Product Name**	**PRODUCT NAME**	• Press the "**UP**" or "**DOWN Arrow**" **Keys** to scroll through product names, OR start spelling the desired product name by using the top row of lettered Product Keys. • Press the **"P" Key** to lock in selection.
5	**Set Stage 1 Cook Time**	**STAGE 1 TIME** **MM:SS**	• Type in the time for Stage 1. Range is from 00:00 to 99:59. • Press the **"P" Key** to advance to next stage or parameter.
6	**Set Stage 1 Temperature**	**STAGE 1 TEMP** **XXX F**	• Type in the Setpoint temperature for this stage. Range is from 200 to 375 F, or the equivalent of degrees C. • Press the **"P" Key** to advance to the next stage or parameter.

	KEY PRESS	DISPLAY	ACTION
7	Set Stage 1 Timing	STAGE 1 TIMING (STRAIGHT, FLEX)	• Press the "LEFT" or "RIGHT Arrow" Key to select the type of timing to be used for this stage. • Press the "P" Key to advance to next stage or parameter.
8	Set Pressure Solenoid Position	STAGE 1 PRESSURE (OPEN, CLOSED)	• *This message will only appear if the appliance is a pressure fryer.* Press the "LEFT" or "RIGHT Arrow" key to select whether the pressure solenoid should be opened or closed. • Press the "P" Key to advance to next stage or parameter. • The display will show "Stage Time 2." If you have a second time, type in that time and repeat steps 5-8. A total of 9 stage times can be programmed.
9	IF APPLICABLE, REPEAT STEPS 5-8 FOR ADDITIONAL STAGES. A TOTAL OF 9 STAGES CAN BE PROGRAMMED.		
10	Set Alarm 1 Time (Selectable)	ALARM 1 TIME MM:SS	• Type in Alarm Time for activating the Action Alarm. *Skip Steps 10-13 if the Alarm Time for this stage is zero.* • Press the "P" Key to advance to the next stage or parameter.
11	Set Alarm 1 Name (Selectable)	ALARM 1 NAME "ACTION"	• Press the "UP" or "DOWN Arrow" Key to scroll through the Alarm Names, OR start spelling the desired action alarm name by pressing the appropriate product keys. • Press "P" Key to lock in the selection.
12	Set Alarm #1 Cancel Mode (Selectable)	ALARM 1 DONE (AUTOMATIC, MANUAL)	• Press the "LEFT" or "RIGHT a Arrow" Key to select how the Action Alarm is to be canceled. • Press the "P" Key to advance to the next stage or parameter.
13	Setting Alarm 1 Tone	ALARM 1 TONE SHORT, MEDIUM, LONG, DOUBLE, LONG/SHORT, NONE	• Press the "LEFT" or "RIGHT Arrow" Key to select Alarm Tone. • Press the "P" Key to advance to the next stage or parameter.

	KEY PRESS	DISPLAY	ACTION
14		IF APPLICABLE, REPEAT STEPS 5-8 FOR ADDITIONAL STAGES. A TOTAL OF 9 STAGES CAN BE PROGRAMMED.	
15	Select Hold Time	**HOLD TIME** **00:00** (Note: time is in Hours: Minutes)	• Type in the length of hold time required. The value is in the range of 0 to 99:59. • Press the **"P" Key** to advance to the next step or parameter.
16	Set Filter Lockout	**FILTER LOCKOUT** (COOL, NO FILTER, 1-99)	• Press the "LEFT" or "RIGHT Arrow" Key to select how you want to end a cook cycle. **COOL =** return to Setback temperature. after cook. **No Filter =** return to Drop temperature after cook **1-99 =** # of cooks allowed before entering filter locked. When 1-99 is selected, product cycles will return to drop temperature until a filter lockout cycle is forced. • Press the **"P" Key** to select.
17	Set Product Heads	**PRODUCT HEADS** **XX**	• Press the "LEFT" or "RIGHT Arrow" Key to select count value. The range is 0 to 99 pieces or **"USER PROMPT."** • Press the **"P" key** to advance.
18	Set Another Product Head	**SELECT PRODUCT** **TO PROGRAM**	• Repeat from step #3 in this section, or press the **"P" Key** and scroll to Exit. • Press the **"P" Key** to exit programming.

Save these instructions for future reference.

24/7 Toll-Free Technical Support

In the U.S., Canada and the Caribbean

1-800-FASTRON (1-800-327-8766)

Elsewhere

1-203-377-4414

or

kbcare@kitchenbrains.com

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